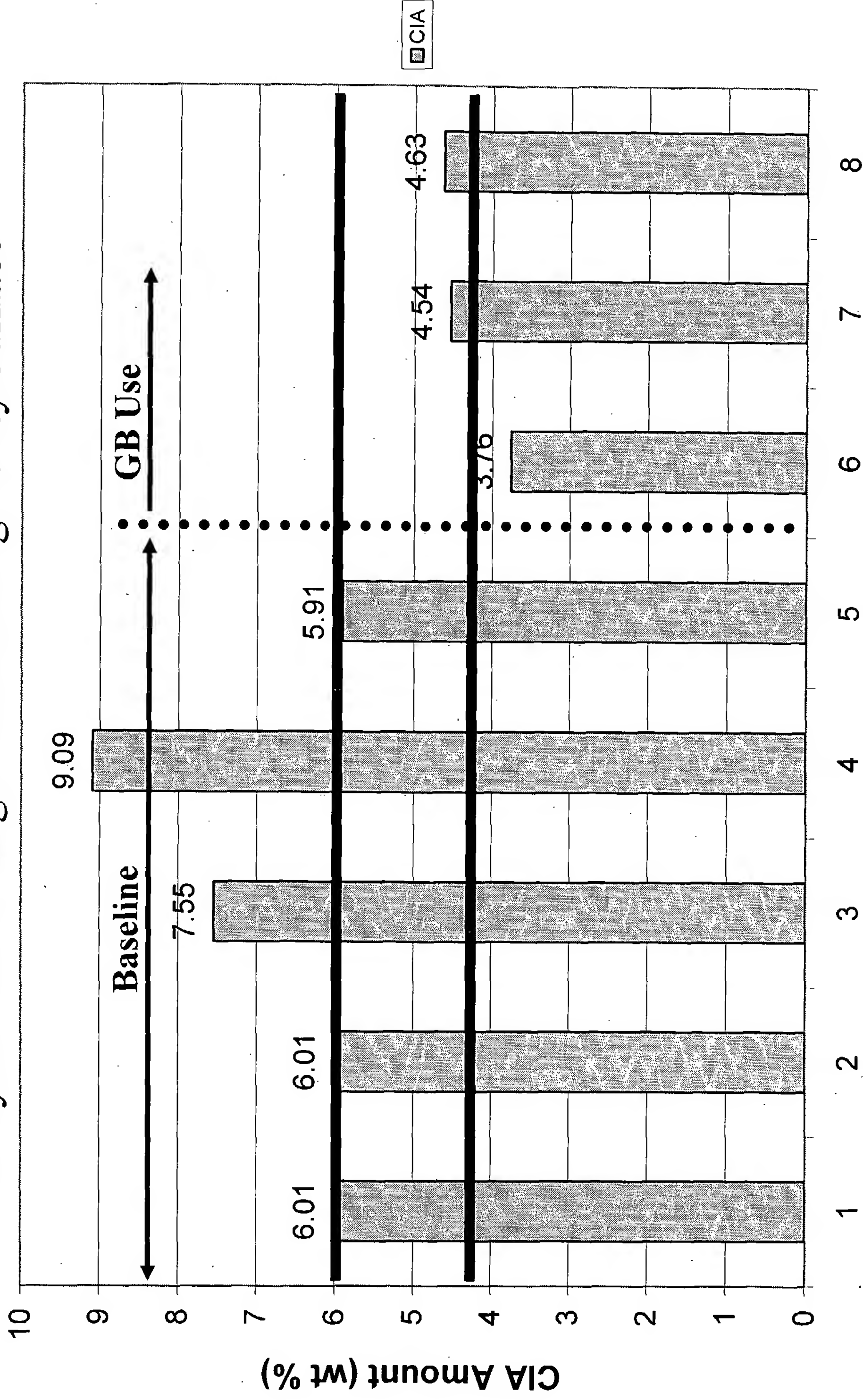


"LOWERING THE AMOUNT OF CARBON IN FLY ASH FROM  
BURNING COAL BY A MANGANESE ADDITIVE TO THE COAL"  
Filed: July 18, 2003 Inventors: Joseph W. Roos et al.  
Serial No.: Not yet assigned Examiner: Not yet assigned  
Attorney Docket No.: EP-7592 Phone: 804-788-5516

# Manganese Additive Lowering of Carbon in Ash (CIA) of Flyash from a Large Coal-Burning Utility Furnace



**Figure 1**  
Time (Arbitrary Units)

## Manganese in Flyash

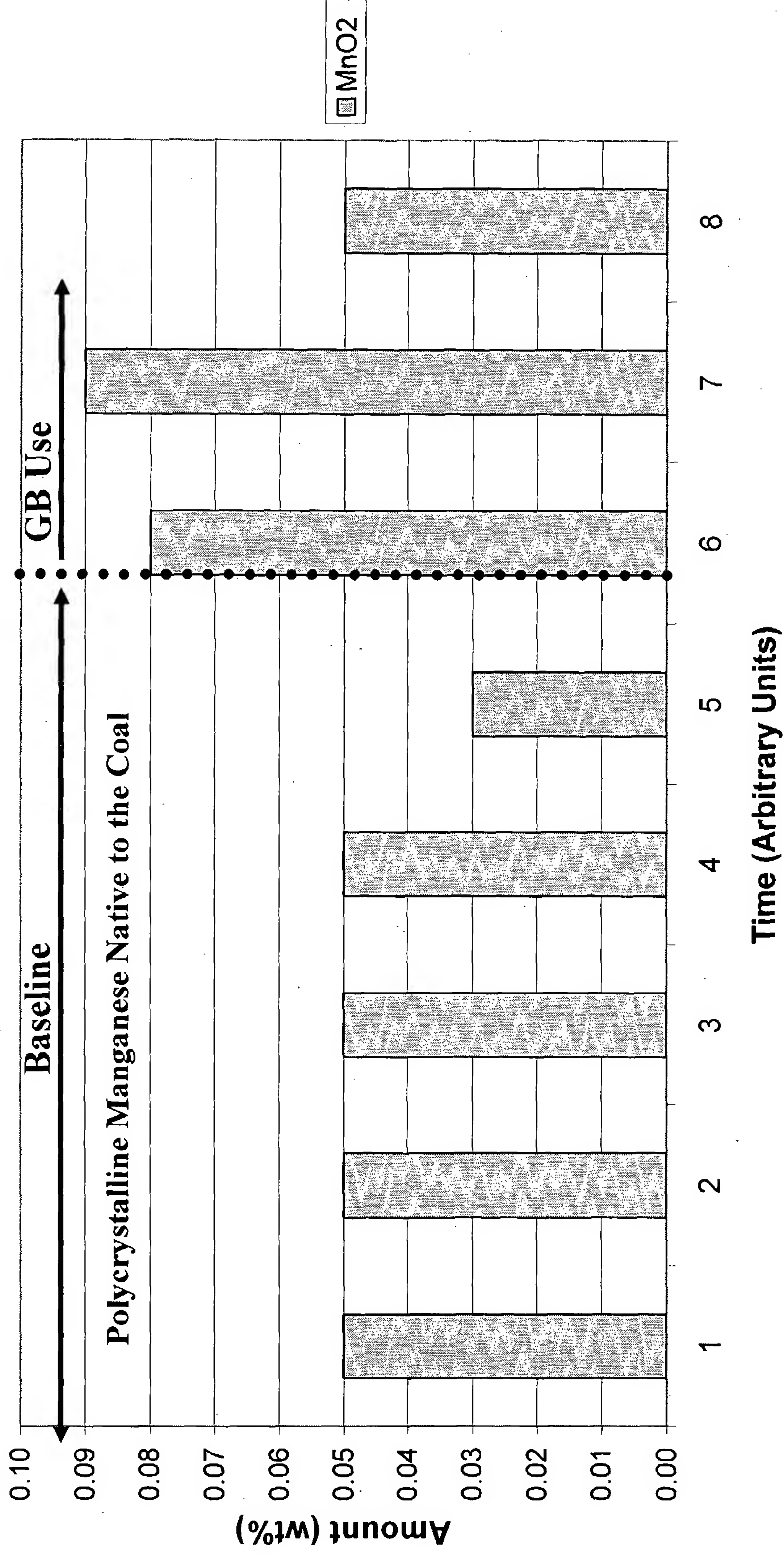


Figure 2